

Claims

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1. A method for treating a subject having a condition characterized by an abnormal mammalian cell proliferation, comprising:
administering to a subject in need of such treatment, an agent in an amount
5 effective to inhibit the proliferation, wherein the agent is a compound of Formula I.
2. The method of claim 1, wherein the abnormal mammalian cell proliferation is manifested as a tumor.
- 10 3. The method of claim 1, wherein the condition is further characterized by the presence of reactive stromal fibroblasts.
4. The method of claim 1, wherein the abnormal mammalian cell proliferation is in epithelial cells.
- 15 5. The method of claim 4, wherein the abnormal mammalian cell proliferation is selected from the group consisting of a carcinoma, a sarcoma, and a melanoma.
6. The method of claim 1, wherein the condition is a metastasis of epithelial origin.
- 20 7. The method of claim 1, wherein the condition is selected from the group consisting of breast cancer, colorectal cancer, ovarian cancer prostate cancer, pancreatic cancer, kidney cancer, lung cancer, melanoma and fibrosarcoma.
- 25 8. The method of claim 1, wherein the condition is selected from the group consisting of bone and connective tissue sarcomas.
9. The method of claim 1, wherein the agent is administered locally.
- 30 10. The method of claim 1, wherein the agent is administered systemically.
11. The method of claim 1, wherein the subject is otherwise free of symptoms calling for hemopoietic stimulation.

12. The method of claim 1, wherein the agent is administered in combination with surgery to remove an abnormal proliferative cell mass.

5 13. The method of claim 1, wherein the agent is administered to a patient who has had surgery to remove an abnormal proliferative cell mass.

14. The method of claim 1, wherein the agent is administered in combination with an anti-cancer compound.

10 15. The method of claim 1, wherein the agent is targeted to a tumor.

16. The method of claim 1, wherein the subject has normal hemopoietic activity.

15 17. The method of claim 1, wherein the subject is HIV negative.

18. The method of claim 1, wherein the agent is Val-boro-Pro.

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20 19. A method for inhibiting angiogenesis in a subject having a condition characterized by abnormal mammalian cell proliferation comprising:
administering to a subject in need of such treatment, an agent in an amount effective to inhibit angiogenesis in an abnormal proliferative cell mass, wherein the agent is a compound of Formula I.

25 20. The method of claim 19, wherein the abnormal mammalian cell proliferation is manifested as a tumor.

21. The method of claim 19, wherein the abnormal mammalian cell proliferation is in epithelial cells.

30 22. The method of claim 19, wherein the abnormal mammalian cell proliferation is selected from the group consisting of a carcinoma, a sarcoma, and a melanoma.

23. The method of claim 19, wherein the condition is a metastasis.

24. The method of claim 19, wherein the condition is selected from the group consisting of breast cancer, colorectal cancer, ovarian cancer, prostate cancer, pancreatic cancer, kidney cancer, lung cancer, melanoma and fibrosarcoma.

25. The method of claim 19, wherein the agent is administered locally.

26. The method of claim 19, wherein the agent is administered systemically.

27. The method of claim 19, wherein the subject is free of symptoms calling for hemopoietic stimulation.

28. The method of claim 19, wherein the agent is administered in combination with surgery to remove an abnormal proliferative cell mass.

29. The method of claim 19, wherein the agent is administered to a patient who has had surgery to remove an abnormal proliferative cell mass.

30. The method of claim 19, wherein the agent is administered in combination with an anti-cancer compound.

31. The method of claim 19, wherein the agent is administered in combination with an anti-angiogenic compound.

32. The method of claim 19, wherein the subject has normal hemopoietic activity.

33. The method of claim 19, wherein the subject is HIV negative.

34. The method of claim 19, wherein the agent is Val-boro-Pro.

35. The method of claim 19, wherein the agent is targeted to a tumor.

36.

A pharmaceutical preparation comprising:
an agent of Formula I,
at least one other anti-cancer compound, and
a pharmaceutically acceptable carrier.

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37.

A pharmaceutical preparation comprising:
an agent of Formula I,
at least one other anti-angiogenic compound, and
a pharmaceutically acceptable carrier.

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